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# Interpreting HEDIS Percentiles

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# Percentiles: Definition

Numerical Values That Divide an Ordered Data Set into 100 Groups of Values with at Most 1% of the Data Values in Each Group



# Percentiles

Every Data Set Will Contain 99  
Percentiles



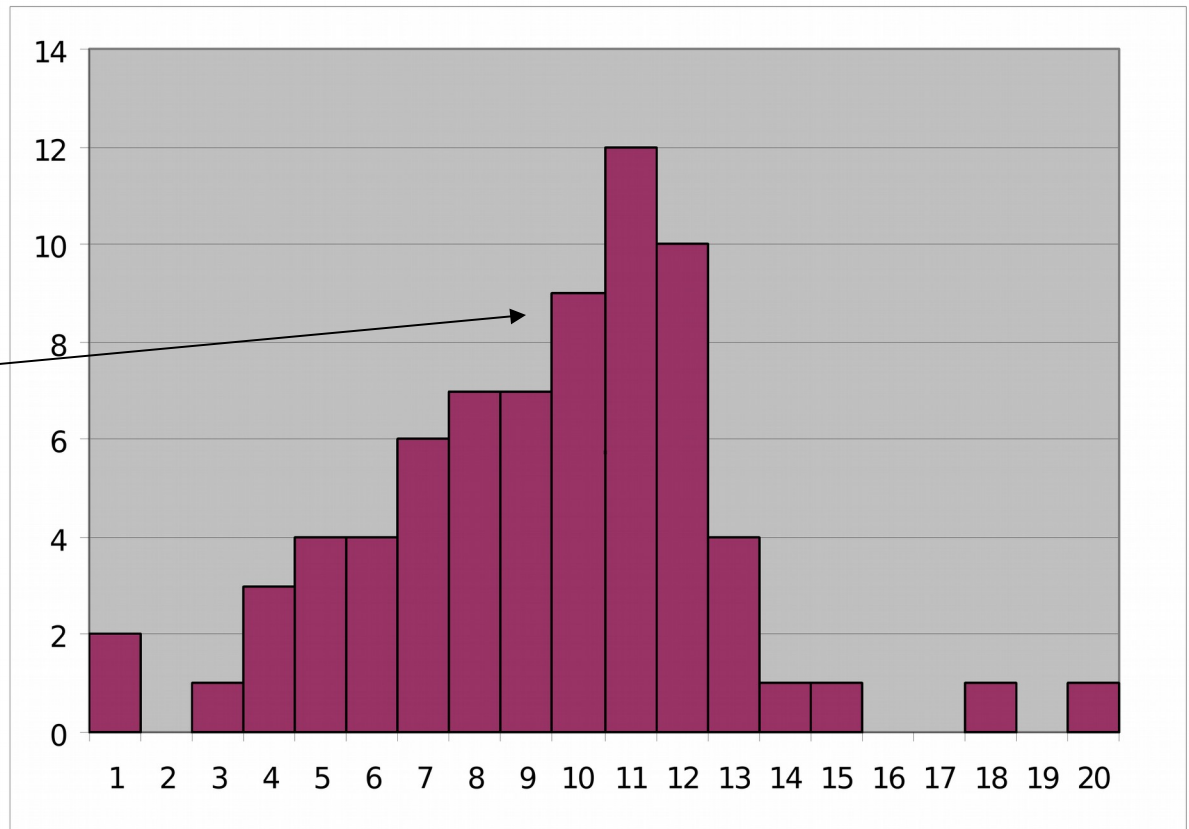
# Percentiles

- Discussions Concerning Percentiles is Usually Focused on a Certain Percentile, e.g. the “90<sup>th</sup>” Percentile
- If Your Value Lies at the 90<sup>th</sup> Percentile, at Least **89** Percent of Values are **Lower** Than Your Value
- If Your Value Lies at the 90<sup>th</sup> Percentile, at Least **Ten** Percent of Values are **Higher** Than Your Value (100 – 90)

# Percentiles

A Particular Percentile Represents a **Location**  
Within the Ordered Data Set

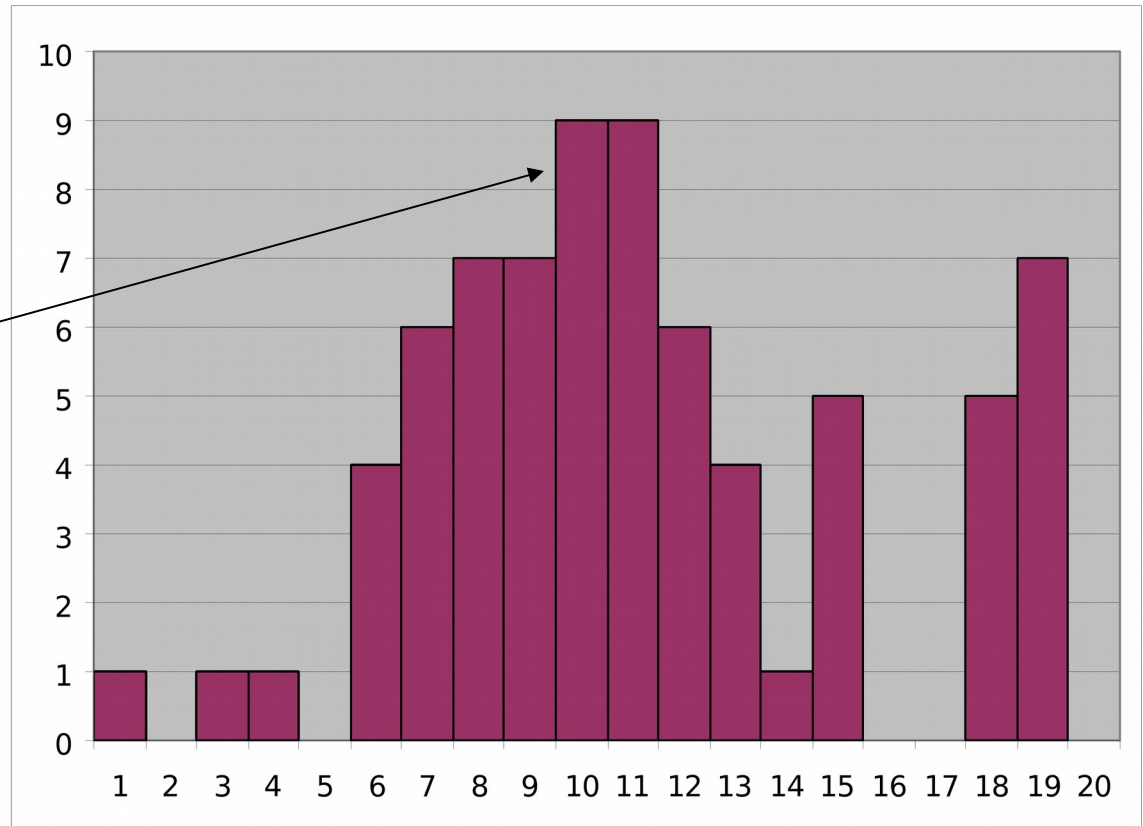
In This Data  
Set of 73  
Scores, A  
Score of Ten  
is At The 89<sup>th</sup>  
Percentile



# Percentiles

A Particular Percentile Represents a **Location**  
Within the Ordered Data Set

In This Data  
Set of 73  
Scores, A  
Score of Ten  
is At The 49<sup>th</sup>  
Percentile



# Percentiles

- Measure **Relative** Position in An Ordered Data Set
- Ranking Depends on Both the Range of Values and the Frequency of Any One Value Within the Data Set
  - If Most Scores Are Low, A Relatively Low Score May Be Ranked as A High Percentile
  - If Most Scores Are High, A Relatively High Score May Be Ranked as A Low Percentiles

# HEDIS® Commercial Percentiles

- Are Based on Data Submitted by Commercial Plans **Who Participate in HEDIS®**
- All Methodology is Standardized
- New Percentile Rankings Are Published in March of Each Year
- Relative Percentile Ranking of Any Score Will Change With Each Year's Data

